



Jami on i.MX6

How to bring fully distributed and secure communication capabilities to embedded products and IOT



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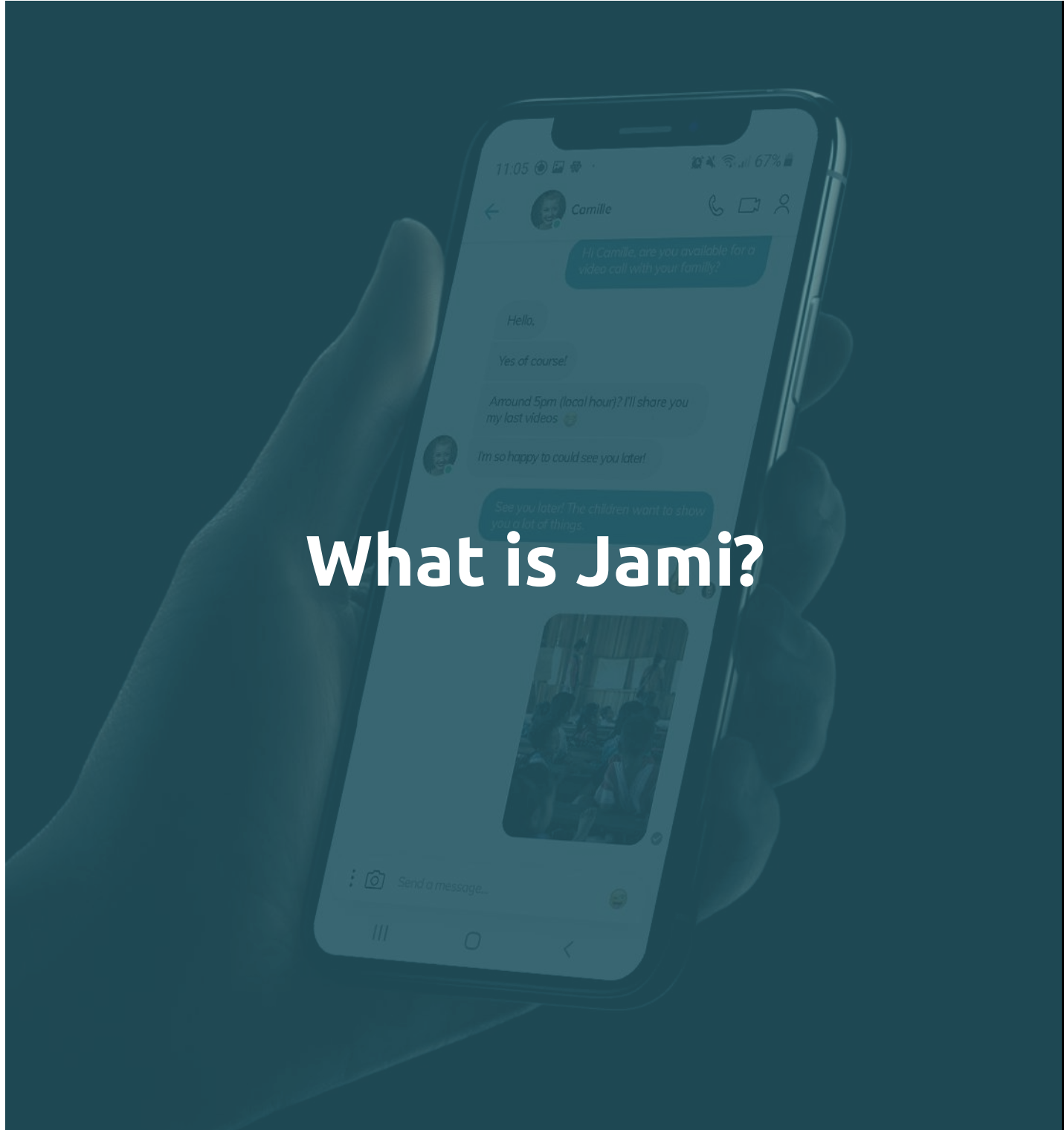
Working on:

- Custom Yocto BSPs
- Medias (camera integration, MIPI CSI...)

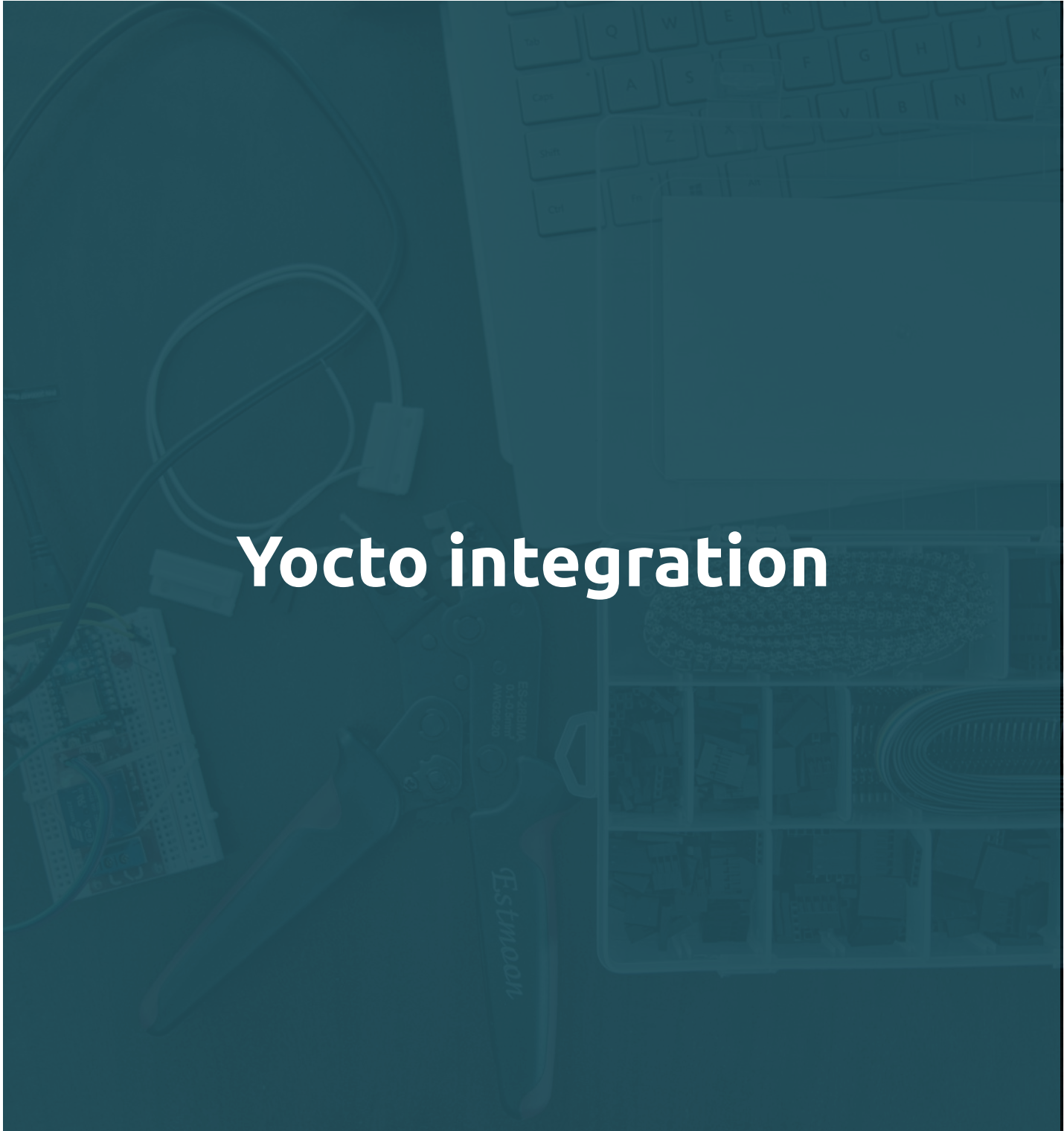
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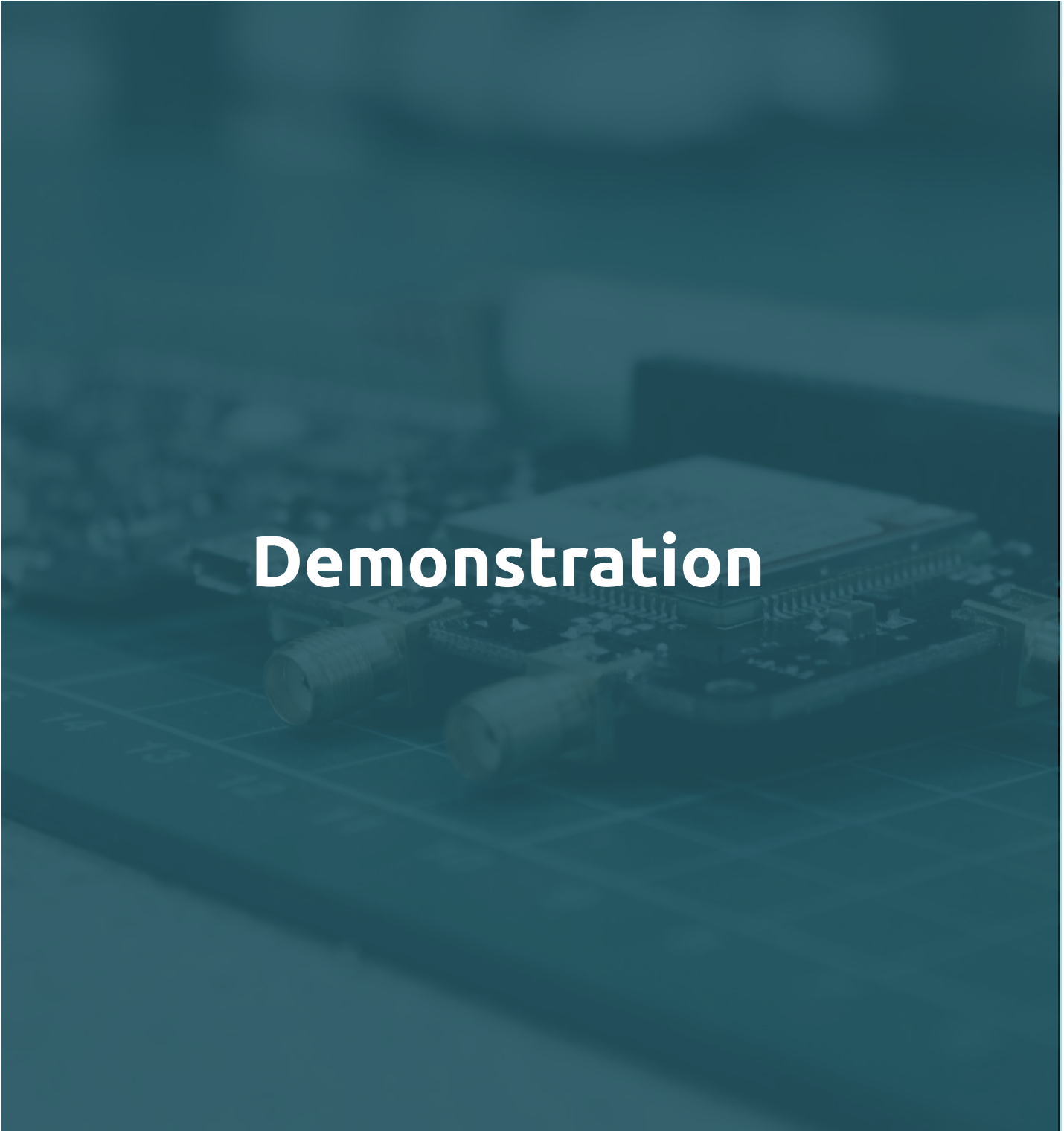
OVERVIEW



What is Jami?



Yocto integration



Demonstration



What is Jami?



WHAT IS JAMI?

Jami: a free and secured communication tool

- Free and open source audio, video and text peer-to-peer communication platform



- Serverless end-to-end encrypted communications



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WHAT IS JAMI?

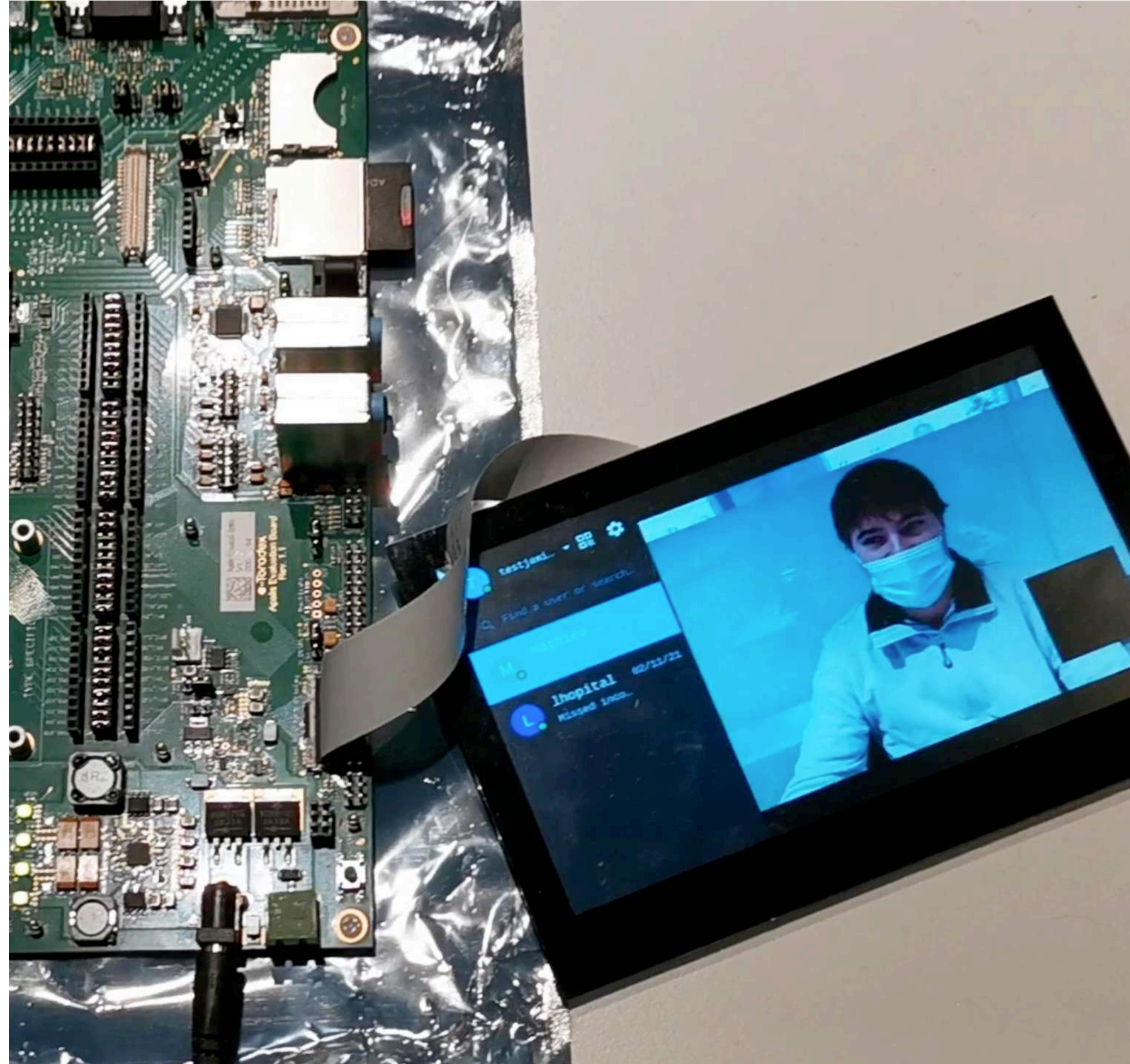


Why adding Jami to an embedded board?

- More and more communications between everyday life objects
- Jami could bring secure communication and private life protection on all kinds of devices



WHAT IS JAMI?



Better embedded resources

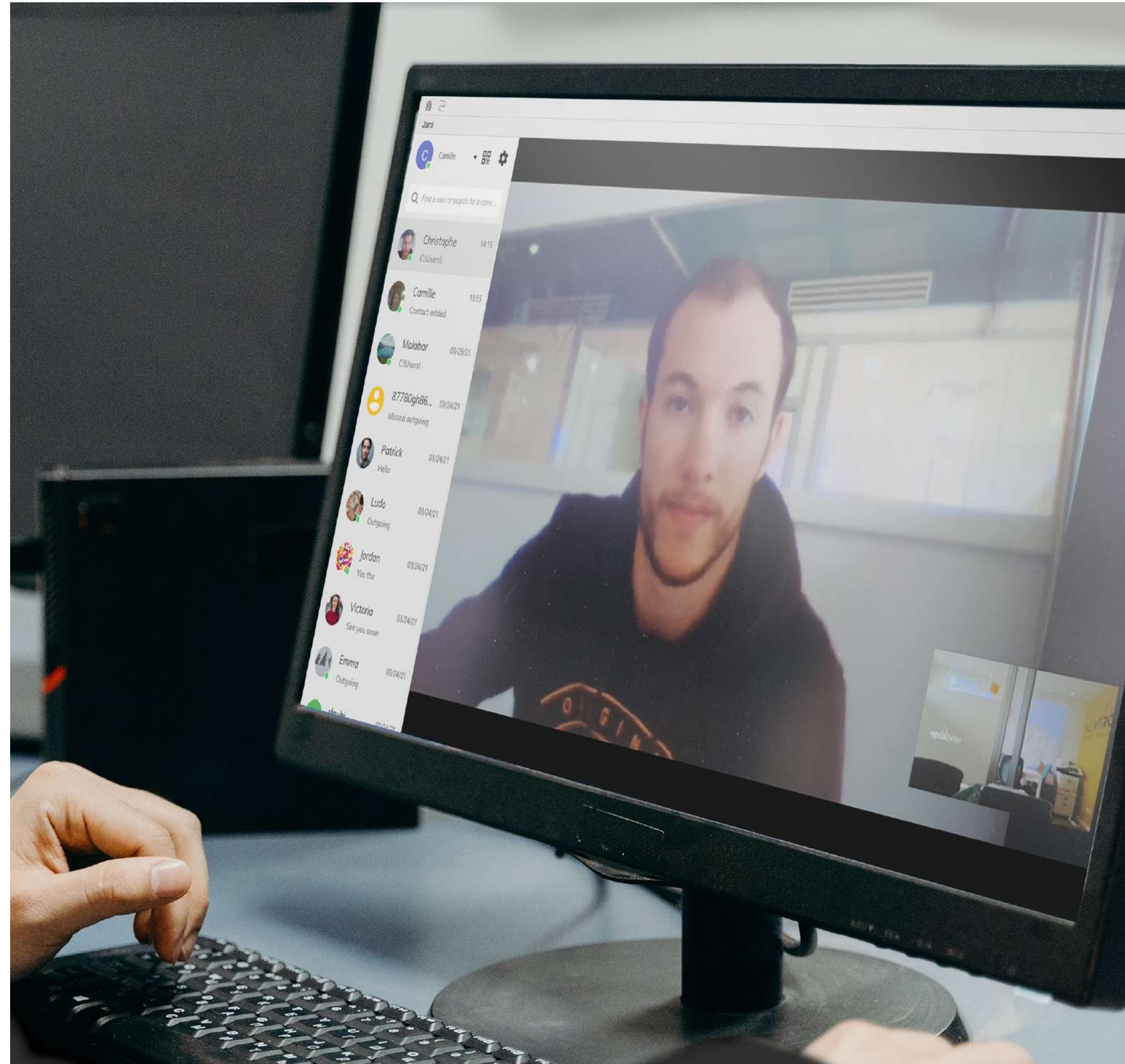
- Hardware encoders and decoders
- Powerful GPUs and CPUs



Yocto integration



YOCTO INTEGRATION

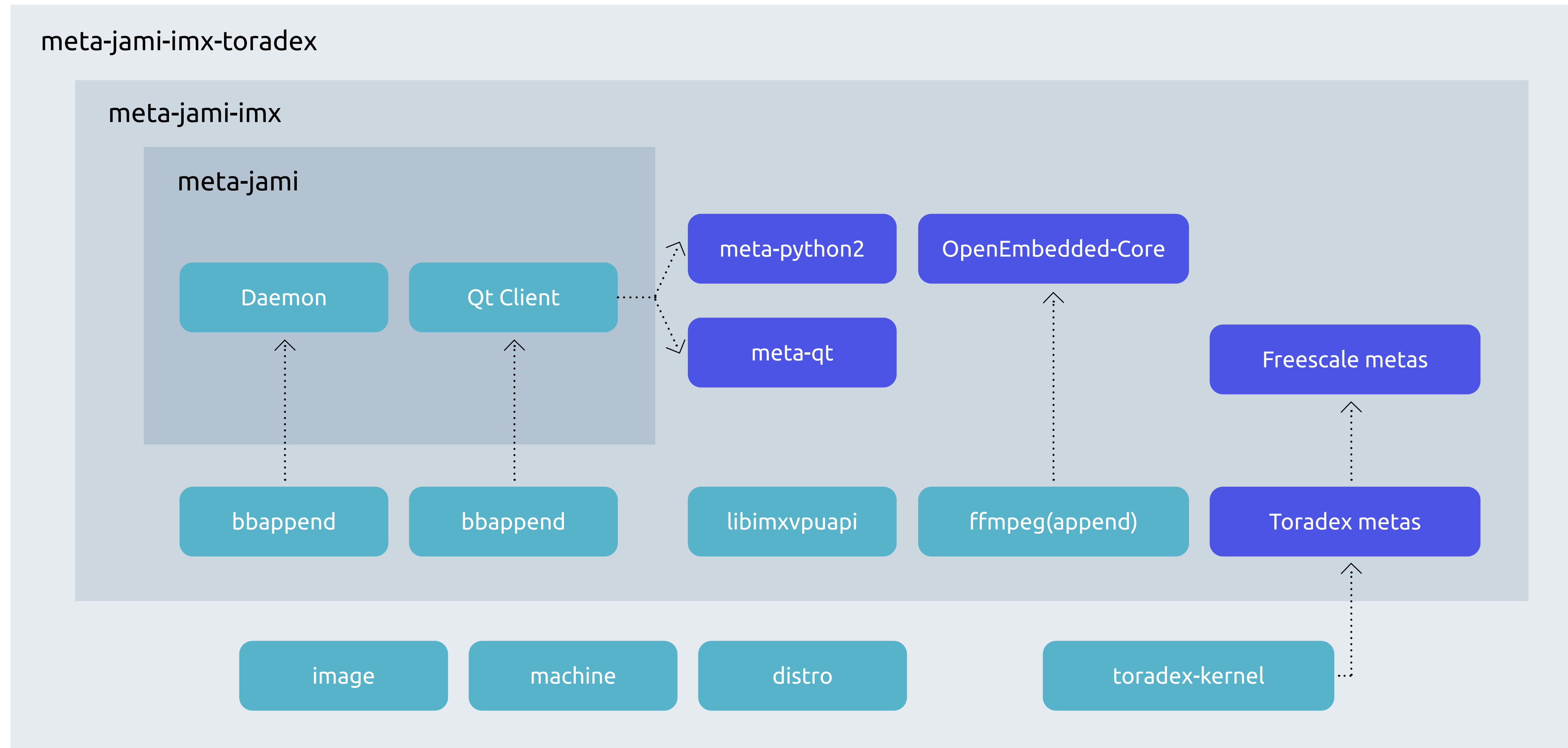


Jami in Yocto

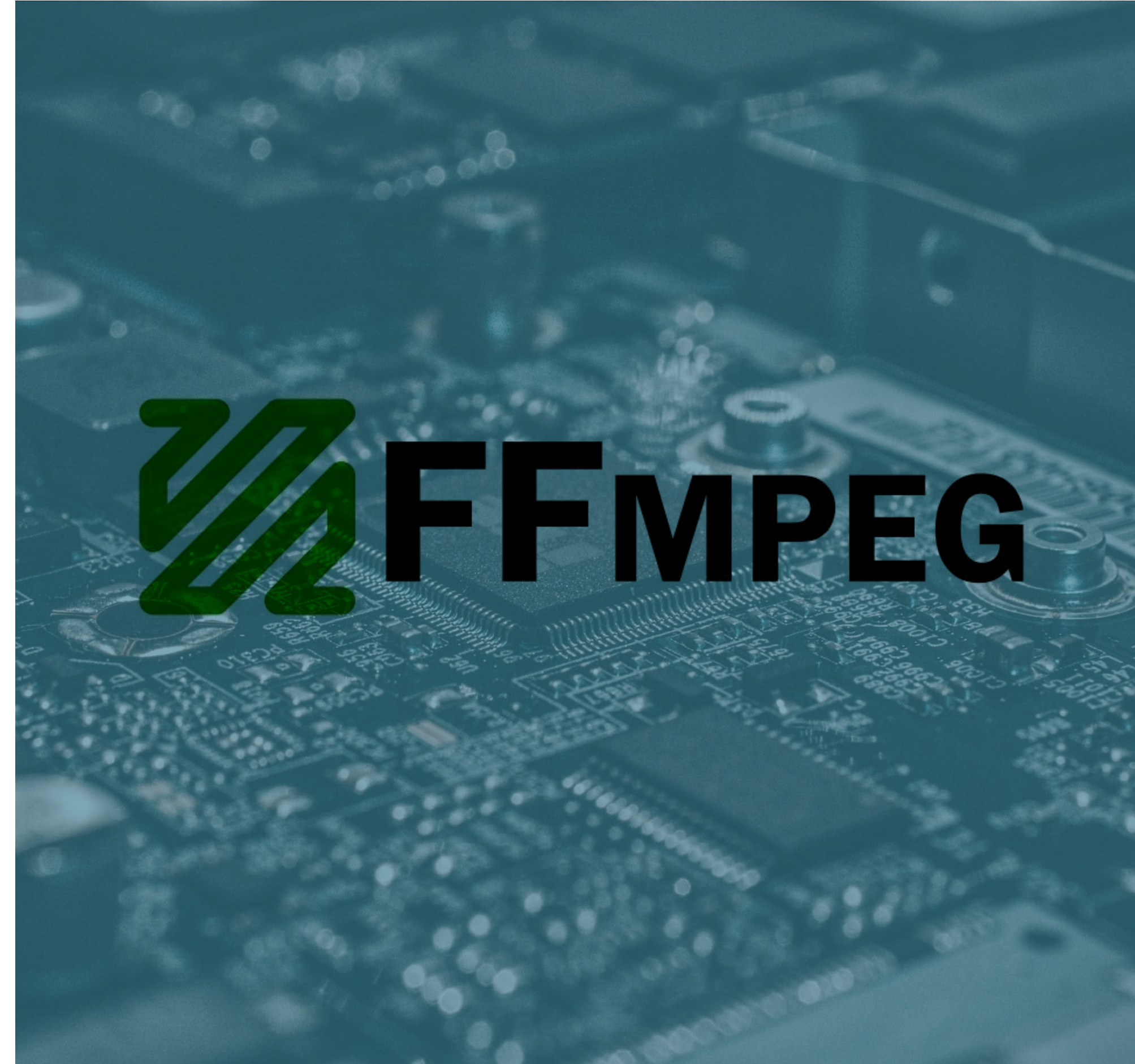
- Lowest code source modification
- Open the opportunity to use Jami on every platforms supported by Yocto



YOCTO INTEGRATION



YOCTO INTEGRATION



FFmpeg

- Jami is based on FFmpeg
- i.MX hardware codecs are needed on a NXP/Freescale Linux Kernel
- Use of the API libimxvpuapi already used in Gstreamer-imx



Demonstration





Thank you for your attention.
Any questions ?

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